

PRODUCT SPECIFICATIONS FOR D7

ENGINE

Engine Model	Cat C9.3B
Power - Net	265 HP
Emissions	U.S. EPA Tier 4 Final/EU Stage V/Japan 2014/Korea Tier 4 Final
Net Power - Rated - ISO 9249/SAE J1349	265 HP
Net Power - Rated - ISO 9249/SAE J1349 (DIN)	268 HP
Build Number	17A
Note (1)	Rated horsepower at 2200 rpm
Note (2)	All non-road Tier 4 Interim and Final, Stage IIIB, IV and V, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.
Note (3)	Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.
Note (4)	Basic machine specs provided below. For complete specifications and dimensions by configuration, blade and track shoe offerings and more, please visit the product download section to view the full Technical Specifications document.

WEIGHTS

Operating Weight

65611 lb

Operating Weight

33077 lb

Note (1)

Standard SU operating weight includes ripper with three shanks adding approximately 2993 kg/6596 lbs. LGP S operating weight with drawbar.

TRANSMISSION

Power Train

Fully Automatic 4-Speed

SERVICE REFILL CAPACITIES

Fuel Tank

122.8 gal (US)

DEF Tank

11.6 gal (US)

STANDARD SU

Operating Weight

29776 lb

Ground Pressure

10.5 psi

Width of Standard Shoe

24 in

Blade

Semi-Universal (SU)

Blade Capacity9.7 yd³

LGP S

Operating Weight

63220 lb

Ground Pressure

6.3 psi

Width of Standard Shoe

36 in

Blade

Straight (S)

Blade Capacity8.1 yd³

WASTE HANDLER

Operating Weight	62035 lb
Ground Pressure	9.9 psi
Width of Standard Shoe	24 in
Blade	Universal Landfill (U)
Blade Capacity	21.7 yd ³

AIR CONDITIONING SYSTEM

Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.36 kg of refrigerant which has a CO2 equivalent of 1.946 metric tonnes.
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Note (2)	Configurations and features may vary by region. Please consult your Cat dealer for availability in your area.
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D7 STANDARD EQUIPMENT

POWER TRAIN

- Cat C9.3B diesel engine
- Fully-automatic 4-speed transmission
- Biodiesel compatibility up to B20
- Double reduction 3-planet planetary final drives
- Electric fuel priming pump

OPERATOR ENVIRONMENT

- Fully redesigned cab, sound suppressed, with Integrated Roll Over Protective Structure (IROPS)
- Full-color 254 mm (10 in) liquid crystal touchscreen display

Integrated rearview camera

Cloth seat

Adjustable operator controls/armrests

Electrohydraulic implement and steering controls

Cab mounted modular HVAC system

Added storage areas

Lights - 6 LED

CAT TECHNOLOGY

Slope Indicate

Product Link, Cellular

Remote Control Ready

Remote Flash/Troubleshoot

Operator ID

Machine Security - Passcode

UNDERCARRIAGE

Heavy Duty (HDXL with DuraLink)

Redesigned track roller frame

HYDRAULICS

Independent steering and implement pump

Load sensing hydraulics

SERVICE AND MAINTENANCE

30-minute cab removal

Ecology drains

Fast fuel fill ready

Fire extinguisher mounting provision

Ground level service center

Hydraulic reversing fan

Shovel holder

Underhood work light

ATTACHMENTS

Ripper-ready rear hydraulics

D7 OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Deluxe leather heated/ventilated seat

Communication radio ready

Premium lights - 12 LED

Integrated warning lights

Dual pane/polycarbonate window Special Application Cab

CAT TECHNOLOGY

ARO with Assist: includes Slope Assist, Traction Control, Stable Blade, Blade Load Monitor, AutoCarry, Third Party Grade Control Ready

Cat GRADE with 3D: includes full-color 10-inch (254 mm) touchscreen grade display

Product Link, Dual Cellular/Satellite

Grade Connectivity

Machine Security - Bluetooth

Cat COMMAND for Dozing

BLADES

Angle blade

Semi-Universal

Straight blade

Universal

Waste/Landfill

UNDERCARRIAGE

Moderate Service or Extreme Service track shoes

Waste or Cold Weather undercarriage

SERVICE AND MAINTENANCE

High Speed Oil Change

High speed air cleaning

Quick access cab floor

ATTACHMENTS

Counterweights

Drawbar

Multi-shank ripper

Rear screen - hinged or fixed

Side screens

Striker bar box

Sweeps

Waste and Forestry Special Arrangements

Winch